

Big Data Impact and DSRI

Big Data is storming across all the Industry Sectors. Almost every Industry is planning to monetize the benefits from this technology and also provide their clients value additions and enhance own business.

Gartner reports Big Data creates 4.4 million IT jobs globally, 1.9 million in US and 3 lakhs in India to support Big Data by 2016. NASSCOM predicts that Global Analytics from USD 96 billion in 2014 to USD 121 billion in 2016.

During the last decade, the momentum coming from both academia and industry has lifted the **R programming language** tool for computational statistics, visualization and decision science. Hive and Pig are used for data analysis of large amount of structured and unstructured data. Facebook uses hive for data analysis and Yahoo uses pig for its search engine. Sqoop is used for data injection from databases like MySQL etc.. Flume is used for data extraction from social media like Facebook, twitter etc. Mahout is used for machine learning techniques like clustering, classification and recommendations.

Master Speaker: Hemanth Kumar P. [PhD.] M.Tech., BE, Data Scientist of Predictive Research (www.predictiveresearch.in). He has worked in Data Mining, Simulation, Predictive Modelling and Product Development fields for more than 5 year in Industry . He has conducted several workshops at Bangalore, Cochin, Coimbatore in collaboration with MSME.

Associate Speaker: Mr. Mukesh, worked on several projects on Data Mining and has a expertise in Big Data Technologies.. He has conducted several workshops at Bangalore, Cochin, Coimbatore in collaboration with MSME.

Come to take a wonderful Ride on this technology get the feel of it..!



Day	Time	Workshop Content
Day 1	09:00-10:30	Introduction to Big Data Basics of Data Science
	10.30-11.00	Coffee Break
	11.00-1:00	What is Hadoop? MapReduce and Hadoop Eco system
	1:00 – 2:00	Lunch Break
	2:00 – 3:30	Installation of Hadoop
	3:30 – 3:45	High Tea
Day 2	3:45 – 5:00	Single Cluster, Multi Cluster MapReduce Examples
	09:00-10:30	Statistics & Data Mining Why R?
	10.30-11.00	Coffee Break
	11.00-1:00	Data Analytics-R
	1:00 – 2:00	Lunch Break
	2:00 – 3:30	Data Analytics –R (contd...)
Day 3	3:30 – 3:45	High Tea
	3:45 – 5:00	R Hadoop Analytics Packages in R
	09:00-10:30	Hive programming introduction
	10.30-11.00	Coffee Break
	11.00-1:00	Hands on experience on hive
	1:00 – 2:00	Lunch Break
Day 4	2:00 – 3:30	Introduction to Pig programming
	3:30 – 3:45	High Tea
	3:45 – 5:00	Hands on experience on Pig programming
	09:00-10:30	Sqoop introduction
	10.30-11.00	Coffee Break
	11.00-1:00	Sqoop hands on experience
Day 5	1:00 – 2:00	Lunch Break
	2:00 – 3:30	Flume Introduction
	3:30 – 3:45	High Tea
	3:45 – 5:00	Flume configuration and hands on experience
	09:00-10:30	Introduction to Hbase
	10.30-11.00	Coffee Break
Day 5	11.00-1:00	Hands on experience
	1:00 – 2:00	Lunch Break
	2:00 – 3:30	Introduction to Mahout
	3:30 – 3:45	High Tea
Day 5	3:45 – 5:00	Hands on experience



Limited seats
Contact Immediately for Registration



Workshop Expenses per Person:
\$1550/- (Inclusive of all Taxes)
Enquire For Group Discount
Contact Person: Ashvini Patil +91 95380 93274
Mail to: workshop@dsresearch.in, Visit us at: www.dsresearch.in